

CLAIMS

Sub A24

1 A method in a computer system for providing property notifications for
 2 properties of software components in a distributed environment, the method comprising:
 3 registering an interest in watching a property of a software component;
 4 receiving notification when the property is set; and
 5 tracking a state of the software component so that it can be determined
 6 when the software component is in a down state.

1 2. The method of claim 1 including retrieving the state of the property
 2 independently of receiving a notification.

1 3. The method of claim 1 including un-registering an interest in watching
 2 the property of the software component.

1 4. The method of claim 1 wherein the property has associated access rights
 2 and wherein an interest can only be registered by a software component with sufficient
 3 access rights.

1 5. The method of claim 1 wherein each software component that is
 2 watching the property receives notification of the setting of the property before any software
 3 component that is watching the property receives a subsequent notification of another setting
 4 of the property.

1 6. The method of claim 1 wherein each software component that is
 2 watching the property receives notifications of the settings of the property in the same order
 3 as the settings.

1 7. A method in a computer system for providing property notifications for
 2 property settings in a distributed environment, the method comprising:

3 for each of the plurality of software components, registering an interest
4 in a property; and
5 setting the property multiple times;
6 for each setting of the property, notifying each software component that
7 the property has been set prior to notifying any software component of the next setting of the
8 property.

1 8.⁶ The method of claim 1 wherein each software component receives the
2 notifications of the settings in the same order as the settings.

Add A25